

Please amend Claim 1 as shown below:

1. (Amended Four Times) A liposome having a bilayer comprising a lipid component which comprises a compound having the formula

$R^1-Y^1-CHZ^1-CH(NY^2Y^3)-CH_2-Z^2$ , wherein:

$R^1$  is a straight-chained alkyl, alkenyl or alkynyl group having from 5 to 19 carbon atoms in the aliphatic chain;

$Y^1$  is  $-CH=CH-$ ,  $-C\equiv C-$  or  $-CH(OH)CH(OH)-$ ;

$Z^1$  is OH or a conversion-inhibiting group;

$Y^2$  is H, a phenyl group, an alkyl-substituted phenyl group having from 1 to about 6 carbon atoms in the alkyl chain, or an alkyl chain having from 1 to 6 carbon atoms;

$Y^3$  is H or a group having the formula  $-C(O)R^2$  or  $-S(O)_2R^2$ ;

$R^2$  is a straight-chained alkyl moiety selected from the group consisting of  $-(CH_2)_3CH_3$ ,  $-(CH_2)_5CH_3$ ,  $-(CH_2)_7CH_3$  and  $-(CH_2)_9CH_3$ , or an alkenyl group or alkynyl group having from 2 to 23 carbon atoms in the aliphatic chain;

$Z^2$  is OH or a phosphorylcholine attachment-inhibiting group selected from the group consisting of  $-X^1$ ,  $-OX^1$ ,  $-X^2X^3$  and  $-OX^2X^3$ ;

$X^1$  is selected from the group consisting of  $-C(O)H$ ,  $-CO_2H$ ,  $CH_3$ ,  $C(CH_3)_3$ ,  $Si(CH_3)_3$ ,  $SiCH_3(C(CH_3)_3)_2$ ,  $Si(C(CH_3)_3)_3$ ,  $Si(PO_4)_2C(CH_3)_3$ , a phenyl group, an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain, an alkyl chain having from 1 to 6 carbon atoms, an amino group, a fluorine atom, a chlorine atom, and a group having the formula  $C(R^3R^4)OH$ ;

$X^2$  is selected from the group consisting of  $CH_2-$ ,  $C(CH_3)_2-$ ,  $Si(PO_4)_2-$ ,  $Si(CH_3)_2-$ ,  $SiCH_3PO_4-$ ,  $C(O)-$  and  $S(O)_2-$ ;

$X^3$  is selected from the group consisting of  $-C(O)H$ ,  $-CO_2H$ ,  $-CH_3$ ,  $-C(CH_3)_3$ ,  $-Si(CH_3)_3$ ,  $-SiCH_3(C(CH_3)_3)_2$ ,  $-Si(C(CH_3)_3)_3$ ,  $-Si(PO_4)_2C(CH_3)_3$ , a phenyl group, an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain, an alkyl chain having from 1 to 6 carbon atoms, an amino moiety, a chlorine atom, a fluorine atom, or a group having the formula  $C(R^3R^4)OH$ , wherein each of  $R^3$  and  $R^4$  is independently an alkyl chain having from 1 to 6 carbon atoms, a phenyl group or an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain;

wherein when  $Z^2$  is an amino group,  $R^2$  is an aliphatic chain having from 1 to 9 or from 19 to 23 carbon atoms in the aliphatic chain;

and wherein the compound comprises at least about 5 mole percent of the lipid component.

Please add the following new claims.

- - 58. (New) The method of claim 14, wherein the cancer is a brain, breast, lung, ovarian, colon, stomach or prostate cancer.

59. (New) The method of claim 14, wherein the cancer is a sarcoma, carcinoma, neuroblastoma, glioma or drug resistant cancer.

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60. (New) The method of claim 14, wherein the animal is a human.
61. (New) The liposome of claim 1, wherein  $Z^1$  is OH or a conversion-inhibiting group selected from the group consisting of  $-X^1$ ,  $-OX^1$ ,  $-X^2X^3$  and  $-OX^2X^3$ .
62. (New) The liposome of claim 1, wherein  $R^2$  is an alkyl chain.
63. (New) The liposome of claim 1, wherein  $R^1$  is  $CH_3(CH_2)_{12}-$ .
64. (New) The liposome of claim 1, wherein  $Y^1$  is  $-CH=CH-$ .
65. (New) The liposome of claim 1, wherein  $Y^2$  is H.
66. (New) The liposome of claim 1, wherein  $Y^3$  is  $-C(O)R^2$ .
67. (New) The liposome of claim 1, wherein  $Z^1$  is OH.
68. (New) The liposome of claim 67, wherein  $Z^2$  is a group having the formula  $-X^2X^3$  or  $-O-X^2X^3$ .
69. (New) The liposome of claim 68, wherein  $Z^2$  is  $-OC(O)CH_3$ ,  $-OC(O)CH_2CH_2CH_3$ ,  $-OC(O)CH(CH_3)CH_3$  or  $-OSi(CH_3)_2C(CH_3)_3$ .

70. (New) The liposome of claim 69, wherein  $Z^2$  is  $-\text{OSi}(\text{CH}_3)_2\text{C}(\text{CH}_3)_3$ .

71. (New) The liposome of claim 67, wherein  $Z^2$  is a group having the formula -  
 $\text{X}^1$  or  $-\text{OX}^1$ .

72. (New) The liposome of claim 1, wherein  $Z^1$  is  $-\text{X}^1$ ,  $-\text{OX}^1$ ,  $-\text{X}^2\text{X}^3$  and  $-\text{OX}^2\text{X}^3$ .

73. (New) The liposome of claim 72, wherein  $Z^1$  is  $-\text{OC}(\text{O})\text{CH}_3$ , -  
 $\text{OC}(\text{O})\text{CH}_2\text{CH}_2\text{CH}_3$ ,  $-\text{OC}(\text{O})\text{CH}(\text{CH}_3)\text{CH}_3$  or  $-\text{OSi}(\text{CH}_3)_2\text{C}(\text{CH}_3)_3$ .

74. (New) The liposome of claim 1, wherein the compound having the formula  
 $\text{R}^1-\text{Y}^1-\text{CHZ}^1-\text{CH}(\text{NY}^2\text{Y}^3)-\text{CH}_2-\text{Z}^2$  is  $\text{CH}_3-(\text{CH}_2)_{12}-\text{CH}=\text{CH}-\text{CH}_2\text{Z}^1-\text{CH}(\text{NH}\text{Y}^3)-\text{CH}_2\text{Z}^2$ .

75. (New) The liposome of claim 74, wherein  $Z^1$  is OH and  $\text{Y}^3$  is a group having  
the formula  $-\text{C}(\text{O})\text{R}^2$ .

76. (New) The liposome of claim 75, wherein  $\text{Y}^3$  is  $-\text{C}(\text{O})(\text{CH}_2)_4\text{CH}_3$ .

77. (New) The liposome of claim 66, wherein  $Z^2$  is  $-\text{OSi}(\text{CH}_3)_2\text{C}(\text{CH}_3)_3$ ,  
 $-\text{OSi}(\text{PO}_4)_2\text{C}(\text{CH}_3)_3$ ,  $-\text{C}(\text{O})\text{CH}_3$  or  $-\text{OC}(\text{O})\text{CH}_2\text{CH}_2\text{CH}_3$ .

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78. (New) The liposome of claim 1 wherein the bilayer comprises at least about 10 mole percent of the compound having the formula  $R^1-Y^1-CHZ^1-CH(NY^2Y^3)-CH_2-Z^2$ . - -

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